

REMARKS

Favorable consideration and allowance are requested for claims 1-18 in view of the following remarks.

Status of the Application

Claims 1-18 are pending in this application. Claims 1-18 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Japanese Publication No. 2002-144983A to Suzuki (the “Suzuki publication”) in view of Japanese Publication No. 2002-202895 to Nakajo *et al.* (the “Nakajo publication”) and U.S. Patent Publication No. 20010046854 to Pascal (the “Pascal publication”). Claims 1-4, 10, and 11 have been amended.

Rejection under 35 U.S.C. § 103(a)

According to the outstanding Office Action, the combination of the Suzuki, Nakajo, and Pascal publications renders obvious the subject matter of claims 1-18. In response, Applicants respectfully submit than none of the references, either alone or in combination, disclose or suggest that “updated contents divided into packets are transmitted to respective vehicle-mounted control units.”

The present application discloses the advantages of such a configuration at page 13, line 24 to page 14, line 1 and page 14, lines 16-24 of the specification. Specifically, the reprogramming programs are divided into packets such as data Pa11, Pa21, Pb11, and Pb21 for each of the control units on the vehicles. The base station is then able to transmit only the exact packet to a particular control unit on a particular vehicle, which should be updated. Thus, one can perform transmission of reprogramming program and updating control units very efficiently.

Further, a program data packet that is divided for each control unit includes a header 601, a target vehicle’s management number area 602, a program management area 603, a

data area 604, a check code area 605, and an end mark 606. The program management area 603 further includes a target control unit management number section 607, a type section 608, a base program management number section 609, a unique number section 610, and a program version section 611. As the program data packet is arranged in a frame format as above, it is possible to write data rapidly and surely in a desired address (location) of a memory of the control unit.

None of the cited references disclose or suggest the advantages of the present invention. For at least these reasons, Applicants request that the rejections of claims 1-18 be withdrawn.

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If there are any questions regarding this response or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

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If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323, Docket No. 011050.57881US.

Respectfully submitted,

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